



**DECLARATION  
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**POLYPEPTIDES HAVING A FUNCTIONAL DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND USING SAME**

the specification of which is attached hereto unless one of the following boxes is checked:  
 the specification of which was filed in the United States on April 3, 1996 as Application Serial No. 08/630,915 (for declaration not accompanying application)  
 with amendment(s) filed on \_\_\_\_\_ (if applicable)

the specification was filed as PCT international application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION**

APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
08/417,872	April 7, 1995		X	

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), Samuel B. Abrams (Reg. No. 30,605), Steven I. Wallach (Reg. No. 35,402), and Marcia H. Sundeen (Reg. No. 30893), all of Pennie & Edmonds, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 2730 Sand Hill Road, Menlo Park, CA 94025, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036-2711				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS DOCKETING (212) 790-2803	
201	FULL NAME OF INVENTOR	LAST NAME Sparks	FIRST NAME Andrew	MIDDLE NAME B.	
	RESIDENCE & CITIZENSHIP	CITY Pikesville	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 24 Breton Hill Road, Apt. 1A	CITY Pikesville	STATE OR COUNTRY Maryland	ZIP CODE 21208
202	FULL NAME OF INVENTOR	LAST NAME Hoffman	FIRST NAME Noah	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Greensboro	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 5001 Manning Drive	CITY Greensboro	STATE OR COUNTRY North Carolina	ZIP CODE 27410
203	FULL NAME OF INVENTOR	LAST NAME Kay	FIRST NAME Brian	MIDDLE NAME K.	
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 18 Wysteria Way	CITY Chapel Hill	STATE OR COUNTRY North Carolina	ZIP CODE 27514
204	FULL NAME OF INVENTOR	LAST NAME Fowlkes	FIRST NAME Dana	MIDDLE NAME M.	
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 2013 Damascus Church Drive	CITY Chapel Hill	STATE OR COUNTRY North Carolina	ZIP CODE 27516
205	FULL NAME OF INVENTOR	LAST NAME McConnell	FIRST NAME Stephen	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY San Diego	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 10211 Camino Ruiz #52	CITY San Diego	STATE OR COUNTRY California	ZIP CODE 92126
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <b>ANDREW B. SPARKS</b> <i>[Signature]</i>	SIGNATURE OF INVENTOR 202 <b>NOAH HOFFMAN</b>	SIGNATURE OF INVENTOR 203 <b>BRIAN K. KAY</b>
DATE 8/27/96	DATE	DATE
SIGNATURE OF INVENTOR 204 <b>DANA M. FOWLKES</b>	SIGNATURE OF INVENTOR 205 <b>STEPHEN J. McCONNELL</b>	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

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2 0 1	FULL NAME OF INVENTOR	LAST NAME Sparks	FIRST NAME Andrew	MIDDLE NAME B.		
	RESIDENCE & CITIZENSHIP	CITY Carboro PIKESVILLE	STATE OR FOREIGN COUNTRY North Carolina MD	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 24 BRETON MILL RD 201 Blue Ridge Road APT 1A	CITY Carboro PIKESVILLE	STATE OR COUNTRY North Carolina MD	ZIP CODE 27510 2108	
2 0 2	FULL NAME OF INVENTOR	LAST NAME Hoffman	FIRST NAME Noah	MIDDLE NAME		
	RESIDENCE & CITIZENSHIP	CITY Greensboro	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
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2 0 3	FULL NAME OF INVENTOR	LAST NAME Kay	FIRST NAME Brian	MIDDLE NAME K.		
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 18 Wysteria Way	CITY Chapel Hill	STATE OR COUNTRY North Carolina	ZIP CODE 27514	
2 0 4	FULL NAME OF INVENTOR	LAST NAME Fowlkes	FIRST NAME Dana	MIDDLE NAME M.		
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.		
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2 0 5	FULL NAME OF INVENTOR	LAST NAME McConnell	FIRST NAME Stephen	MIDDLE NAME J.		
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	POST OFFICE ADDRESS	STREET 10211 Camino Ruiz #52	CITY San Diego	STATE OR COUNTRY California	ZIP CODE 92126	
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME		
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
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SIGNATURE OF INVENTOR 201 ANDREW B. SPARKS	SIGNATURE OF INVENTOR 202 NOAH HOFFMAN	SIGNATURE OF INVENTOR 203 BRIAN K. KAY Brian K. Kay
DATE 7/26	DATE 7/24/96	DATE 7/19/96
SIGNATURE OF INVENTOR 204 DANA M. FOWLKES	SIGNATURE OF INVENTOR 205 STEPHEN J. McCONNELL	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE



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	RESIDENCE & CITIZENSHIP	CITY Carrboro	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 201 Blue Ridge Road	CITY Carrboro	STATE OR COUNTRY North Carolina	ZIP CODE 27510
202	FULL NAME OF INVENTOR	LAST NAME Hoffman	FIRST NAME Noah	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Greensboro	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 5001 Manning Drive	CITY Greensboro	STATE OR COUNTRY North Carolina	ZIP CODE 27410
203	FULL NAME OF INVENTOR	LAST NAME Kay	FIRST NAME Brian	MIDDLE NAME K.	
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 18 Wysteria Way	CITY Chapel Hill	STATE OR COUNTRY North Carolina	ZIP CODE 27514
204	FULL NAME OF INVENTOR	LAST NAME Fowlkes	FIRST NAME Dana	MIDDLE NAME M.	
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
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206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
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DATE	DATE	DATE
SIGNATURE OF INVENTOR 204 <b>DANA M. FOWLKES</b> <i>Dana Fowlkes</i>	SIGNATURE OF INVENTOR 205 <b>STEPHEN J. McCONNELL</b>	SIGNATURE OF INVENTOR 206
DATE <i>June 24, 1996</i>	DATE	DATE



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2 0 3	FULL NAME OF INVENTOR	LAST NAME Kay	FIRST NAME Brian	MIDDLE NAME K.	
	RESIDENCE & CITIZENSHIP	CITY Chapel Hill	STATE OR FOREIGN COUNTRY North Carolina	COUNTRY OF CITIZENSHIP U.S.A.	
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2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
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	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <b>ANDREW B. SPARKS</b>	SIGNATURE OF INVENTOR 202 <b>NOAH HOFFMAN</b>	SIGNATURE OF INVENTOR 203 <b>BRIAN K. KAY</b>
DATE	DATE <i>Stephen J. McConnell</i>	DATE
SIGNATURE OF INVENTOR 204 <b>DANA M. FOWLKES</b>	SIGNATURE OF INVENTOR 205 <b>STEPHEN J. McCONNELL</b>	SIGNATURE OF INVENTOR 206
DATE	DATE <i>7/8/96</i>	DATE